SUBMISSION ID: 537718

COUNTY:

DISTRICT:

FACILITY: Dovetail Energy LLC - Anaerobic

LOCATION: Digestion Facility
1146 Herr Rd

Fairborn, OH 45324

Greene SWDO STATUS: Original
PERMIT NUMBER: 1IN00305*AD

STATION CODE: 581

MONITORING PERIOD : 2015-10-01 To: 2015-10-31

REPORTING LAB:

ANALYST:

NO DISCHARGE INDICATOR: AL

| PARAMETER | Biochemical Oxygen Demand, 5 Day | рН | Oil and Grease, Hexane Extr Method | Ammonia (NH3) In Sludge | Nitrogen Kjeldahl, Total In Sludge | Phosphoru Total In Slud | |
|--|--|---|--|---|--|---|--|
| PARAMETER CODE | 00310 | 00400 | 00552 | 00611 | 00627 | 00668 | 00938 |
| UNITS | mg/l | S.U. | mg/l | mg/kg | mg/kg | mg/kg | mg/kg |
| FREQUENCY | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month |
| SAMPLING TYPE | Composite | Composite | Composite | Composite | Composite | Composite | |
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| immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. | | | ce | | | Certification Version Date 2015-11-19 10:11 | |

Page 1

537718 Dovetail Energy LLC - Anaerobic Digestion Facility 1146 Herr Rd SUBMISSION ID:

FACILITY: LOCATION:

Fairborn, OH 45324

COUNTY: Greene DISTRICT: SWDO

STATUS: Original **PERMIT NUMBER:** 1IN00305*AD

STATION CODE: 581

MONITORING PERIOD:

2015-10-01 To: 2015-10-31

REPORTING LAB:

ANALYST:

NO DISCHARGE INDICATOR: ΑL

| | | | | D DISCHARGE I | | AL | |
|---|---|-----------------------------|---|---|----------------------------|---|-------------------------|
| PARAMETER | Arsenic, Total In Sludge | Cadmium, Total In Sludge | Copper, Total In Sludge | Lead, Total In Sludge | Nickel, Total In Sludge | Zinc, Tota Sludge | |
| PARAMETER CODE | 01003 | 01028 | 01043 | 01052 | 01068 | 01093 | 01148 |
| UNITS | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| FREQUENCY | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1 1/Month |
| SAMPLING | Composite | Composite | Composite | Composite | Composite | Composi | te Composite |
| TYPE | Composite | Composite | Composite | Composite | Composite | Composi | te composite |
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Page 2

Original

2015-10-01 To: 2015-10-31

537718 Dovetail Energy LLC - Anaerobic Digestion Facility 1146 Herr Rd SUBMISSION ID: STATUS: **FACILITY: PERMIT NUMBER:**

1IN00305*AD LOCATION: STATION CODE: 581

MONITORING PERIOD: Fairborn, OH 45324

COUNTY: Greene **REPORTING LAB:**

DISTRICT: SWDO ANALYST: **NO DISCHARGE INDICATOR:** ΑL

| | | | N | O DISCHARGE I | NDICATOR: | AL | |
|---|-----------------------------|---|--------------------------------------|---------------------------------|---|---|--|
| PARAMETER | Fecal Coliform in Sludge | Sludge Fee Weight | Sludge Weight | Sludge Solids, Percent Total | Mercury, Total In Sludge | Molybdenu Sludge | |
| PARAMETER CODE | 31641 | 51129 | 70316 | 70318 | 71921 | 78465 | |
| UNITS | MPN/G | dry tons | Dry Tons | % | mg/kg | mg/kg | |
| FREQUENCY | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1 |
| SAMPLING | | | | | | | |
| TYPE | Composite | Total | Total | Composite | Composite | Composi | te |
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| Name of Responsible I certify under the penalty of law that I Official or Authorized have personally examined and am familiar with the information submitted herein and based on my | | | | Author | ized Represent | ative | Date/Time |
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Page 3

537718 Dovetail Energy LLC - Anaerobic Digestion Facility SUBMISSION ID: STATUS: Original 1IN00305*AD **FACILITY: PERMIT NUMBER:**

LOCATION: STATION CODE: 584 1146 Herr Rd **MONITORING PERIOD:**

COUNTY: Greene **REPORTING LAB:**

Fairborn, OH 45324

DISTRICT: SWDO ANALYST: NO DISCHARGE INDICATOR:

| | | | N | O DISCHARGE IN | IDICATOR: | AL | |
|--|--|---|--|---|--|----------------------------|---|
| PARAMETER | Biochemical Oxygen Demand, 5 Day | рН | Oil and Grease, Hexane Extr Method | Ammonia (NH3) In Sludge | Nitrogen Kjeldahl, Total In Sludge | Phosphoru Total In Sluc | s, Potassium In Ige Sludge |
| PARAMETER CODE | 00310 | 00400 | 00552 | 00611 | 00627 | 00668 | 00938 |
| UNITS | mg/l | S.U. | mg/l | mg/kg | mg/kg | mg/kg | mg/kg |
| FREQUENCY | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month |
| SAMPLING | | | | | | | |
| TYPE | Composite | Composite | Composite | Composite | Composite | Composite | e Composite |
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Page 4

2015-10-01 To: 2015-10-31

Original

1IN00305*AD

2015-10-01 To: 2015-10-31

537718 Dovetail Energy LLC - Anaerobic Digestion Facility 1146 Herr Rd SUBMISSION ID: STATUS: **FACILITY: PERMIT NUMBER:**

LOCATION: STATION CODE: 584 **MONITORING PERIOD:**

Fairborn, OH 45324

COUNTY: Greene **REPORTING LAB:**

DISTRICT: SWDO ANALYST: **NO DISCHARGE INDICATOR:** ΑL

| PARAMETER | Arsenic, Total In Sludge | Cadmium, Total In Sludge | Copper, Total In Sludge | Lead, Total In Sludge | Nickel, Total In Sludge | Zinc, Total Sludge | In Selenium, Total In Sludge |
|--|--|--|----------------------------|---|---|---|---|
| PARAMETER CODE | 01003 | 01028 | 01043 | 01052 | 01068 | 01093 | 01148 |
| UNITS | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| FREQUENCY | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month |
| SAMPLING TYPE | Composite | Composite | Composite | Composite | Composite | Composit | |
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| Bruce Bailey Bruce Bailey immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. | | | | Ż | | | Certification Version Date 2015-11-19 10:11 |

Page 5

Original

537718 Dovetail Energy LLC - Anaerobic Digestion Facility 1146 Herr Rd SUBMISSION ID: STATUS: **FACILITY:**

1IN00305*AD **PERMIT NUMBER:** 584

LOCATION: STATION CODE: **MONITORING PERIOD:** Fairborn, OH 45324 2015-10-01 To: 2015-10-31

COUNTY: Greene **REPORTING LAB:**

DISTRICT: SWDO ANALYST: **NO DISCHARGE INDICATOR:** ΑL

| PARAMETER | Fecal Coliform in Sludge | Sludge Fee Weight | Sludge Weight | Mercury, Total In Sludge | Molybdenum in Sludge | | |
|---|--------------------------------------|---|---|---|---|---|---|
| PARAMETER CODE | 31641 | 51129 | 70316 | 71921 | 78465 | | |
| UNITS | MPN/G | dry tons | Dry Tons | mg/kg | mg/kg | | |
| FREQUENCY | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | | |
| SAMPLING TYPE | Multiple Grab | Total | Total | Composite | Composite | | |
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| | are sign | nificant penalt | ies for submittin | g | | | 2015-11-19 10:11 |
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| | possibi | <u>lity of fine and</u> | l imprisonment. | | | | |

Page 6

PERMIT NUMBER:

FACILITY: LOCATION: Dovetail Energy LLC - Anaerobic Digestion Facility

1146 Herr Rd MONITORING PERIOD :

1IN00305*AD

Fairborn, OH 45324

2015-10-01 To: 2015-10-31

PARAMETER COMMENTS:

| Station Code | Parameter Name | Parameter Code | Date | Unit | Comment |
|-----------------|-------------------|-------------------|------|------|---------|
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